

ExxonMobil Exact™ 9061 Ethylene-based Plastomer Resin

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Product Description: Exact 9061 plastomer is an ethylene butene copolymer produced using ExxonMobil Chemical's EXXPOL™ Technology, exhibiting both plastic and elastomeric properties. **Key Features:** PP/TPO modification. EVA modification. Designed as a low density and high molecular weight polymer modifier to impart impact strength and toughness. Available as free flowing pellets. **Availability:** Africa & Middle East, Europe, North America, Asia Pacific, Latin America and South America. All physical properties were measured from specimens cut from compression molded plaques per ASTM D 4703, Procedure A, Type I and conditioned at 23°C for a minimum of 40 hours per ASTM D 618 prior to testing. All stress/strain tests used specimens cut with a Type IV (Die C) die and tested with a grip separation of 25 mm (1") and a crosshead speed of 20 in./min. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exact-9061-Ethylene-based-Plastomer-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.862 g/cc	0.862 g/cc	ASTM D1505
Melt Flow	0.50 g/10 min	0.50 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	0.50 g/10 min	0.50 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	59	59	0.08 in; ASTM D2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength at Break	2.40 MPa	348 psi	ASTM D412 and ISO 37
Tensile Stress	1.70 MPa	247 psi	ASTM D412 and ISO 37
	@Strain 100 %	@Strain 100 %	
Elongation at Break	1200 %	1200 %	ASTM D412 and ISO 37
Flexural Modulus, 1% Secant	6.50 MPa	943 psi	ASTM D790 and ISO 178

Thermal Properties	Metric	English	Comments
Heat of Fusion	41.0 J/g	17.6 BTU/lb	Crystallinity; ExxonMobil Method
Melting Point	41.0 °C	106 °F	Peak; ExxonMobil Method
Crystallization Temperature	29.0 °C	84.2 °F	ExxonMobil Method

Thermal Properties Heat Softening Point	Metric MTC	English TMC	Comments ASTM D1525 and ISO 306/A
Glass Transition Temp, Tg	-49.0 °C	-56.2 °F	ExxonMobil Method

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China